

Technical Data Sheet

Chemtools® Pty Ltd | Ph: 1300 738 250 (+61 2 9833 9866) | Unit 2, 14 – 16 Lee Holm Road ST MARYS NSW 2760
Safety Data Sheets, product photos, and other information can be obtained by visiting www.chemtools.com.au



Thermalle™ CONDUSIL Silver Electrically Conductive Grease

PART NUMBER	AVAILABLE SIZE*
CT-TM006-05PT	5ml Syringe
CT-TM006-10PT	10ml Syringe
CT-TM006-50T	50g Tube
CT-TM006-250G	250g Tub

*Available colours and/or sizes may change without notice.

DESCRIPTION

Thermalle™ CONDUSIL Silver Electrically Conductive Grease is formulated with pure silver-based additives to provide excellent electrical conductivity for high performance. Containing no graphite or mercury, it reduces resistance and eliminates hot spots in hinge joints and knife blade switches caused by poor contact.

CONDUSIL has high lubricity and prevents galling while protecting against moisture intrusion and resisting the build-up of corrosion across a wide operating temperature range. It is compatible with metals, plastics, and rubbers, and ideal for preventing data errors and power interruptions in ignition systems, RF transformers, switches, sliding contacts, and many other electrical connections.

CONDUSIL is commonly used in the electronics, automotive, and aerospace industries.

APPLICATION

Ensure all surfaces and components are dry and free of all contaminants and old grease prior to application.

Apply by brush, spatula or syringe with good coverage and an even distribution.

Application is recommended in thin cross-sectional thicknesses down to 1mm.

TECHNICAL DATA

Colour	Silver
Material	100% Silver-filled grease
Odour	Mild
Volume Resistivity	<0.01 Ω-cm
Thermal Conductivity	5.5 W/m ⁰ K
Viscosity	150,000 cP
Temperature Range	-50°C to +250°C
Drop Point	>260°C
Shelf Life	3 years when stored under recommended conditions

FIRST AID & SAFETY PRECAUTIONS

Always refer to Safety Data Sheet/s before use. Use proper Personal Protection Equipment. Do not get in eyes, on skin, or on clothing. Use with adequate ventilation. Avoid breathing fumes. Keep away from heat, sparks, open flames, and hot surfaces. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet/s for this product have been fully understood by all persons who will work with the material.

STORAGE & TRANSPORT

Refer to Safety Data Sheet/s for recommendations. As a general precaution, keep containers tightly closed, protect from sunlight, and do not expose to temperatures exceeding 50°C. Store in a cool, dry place at room temperature (5 – 40°C). Do not return any unused material to its original container. Containers should be secured and stored upright during transit.

Technical Data Sheet

Chemtools® Pty Ltd | Ph: 1300 738 250 (+61 2 9833 9866) | Unit 2, 14 – 16 Lee Holm Road ST MARYS NSW 2760
Safety Data Sheets, product photos, and other information can be obtained by visiting www.chemtools.com.au



DISCLAIMER

Every effort has been made to ensure the information provided in this document is accurate at the date of publication. Chemtools® Pty Ltd expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools® Pty Ltd shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.